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DIGITALL WORLD

TFT-4000E

Digital Terrestrial Receiver
Standard Definition

OWNER'S MANUAL

Thanks for buying a DIGITALL WORLD. Read this manual carefully to get the best performance from this Digital Receiver.

CAUTION:
Use of controls, adjustments or procedures other than those specified herein, may void your warranty.

CAUTION : To reduce the risk of electrical shock, do not remove the cover. No user serviceable parts inside. Refer any servicing to qualified Service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to a person

The exclamation point with an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance (Digital Receiver)

This product has a serial number, Please record the serial number and retain it for your records.

WARNING : TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

PLEASE READ THIS FIRST!

Is Digital TV reception available in your home?

Generally speaking; if this receiver was on display (demonstration) by your retailer and you live within the same area/town/city, then it should work within your home.

If you experience break-up of picture or poor performance, it is recommended that you contact your local TV antenna installer first. They may need to check your signal quality for digital reception. The antenna installer may advise you to upgrade your TV antenna to a newer digital ready antenna, and install newer cabling such as RG6 quad shield cable.

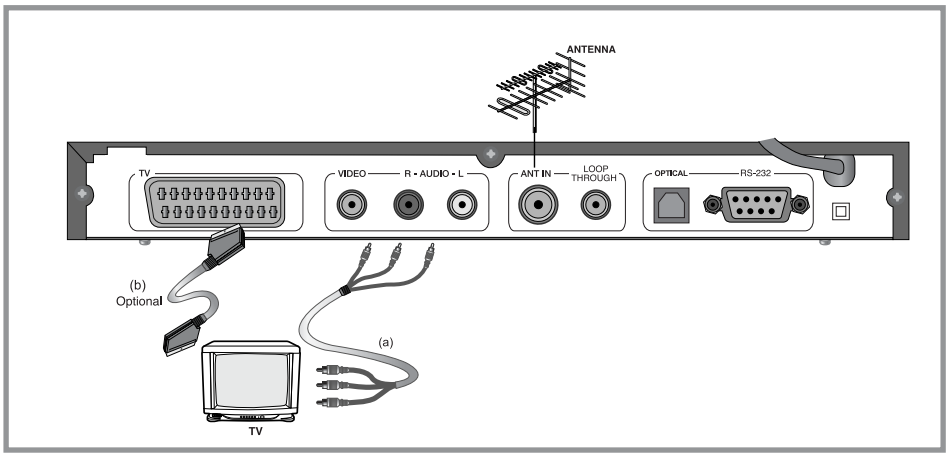
For more information on installations, visit the Digital Broadcast Australia website found at http://www.dba.org.au.

I don't seem to have Digital TV reception in my home, what shall I do?

Digital TV is relatively new to Australia and it will take time for it to be available everywhere around Australia. If Digital TV reception is not available to you, simply place together all packaging and supplied cables back into the box neatly. Have your receipt **(proof of purchase)** ready and contact your place of purchase for further details on what you should do.

How do I connect this box to my TV?

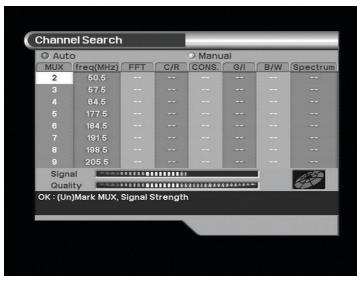
Using the supplied cable, connect the plug (called RCA) onto the rear of the Set-top box labelled "Video-L Audio R". The other end of the cable connect to your television's Video in and Audio in. Any televisions that have mono sound (not stereo) will not require the red plug.



1. Connect your antenna lead directly into the antenna connection on the rear of the box.

2. Be sure to select AV or EXT input on your television by using the television remote control.

3. Switch on the set-top box. If all connections are right, you will see the AUTO SEARCH screen appears on the television.



4. Simply press the RED button (SUB.T) to start tuning process.

5. **Please read the user-manual thoroughly** to enjoy this product.

Safety Instructions

This STB has been manufactured to meet CE safety standards.
Please read the following safety instructions carefully before you handle the STB.

DEFINITION

Throughout the manual, you will find the letters STB.
This stands for Set-Top Box.

MAIN SUPPLY

AC 90~250V 50 / 60Hz 15W Max

CABLE

Use standard certified cables to prevent any malfunction of the STB.

LOCATION

1. Keep the STB indoors and away from potential hazards, such as houseplants, rain and direct sunlight.
2. Do not put any thing over the STB.

CLEANING

1. Always disconnect the STB power cord from the wall socket before cleaning it.
2. Use a light damp cloth(no solvents)to clean the case.

OVERLOADING

Do not overload wall outlets, extension cords or adapters.
These can cause fire or electrical shock.

VENTILATION

1. Do not block ventilation slots of STB.
2. Do not place the STB on soft furnishings or carpets.
3. Ensure that a free airflow is maintained around the STB.
4. Do not allow the STB to be exposed to direct sunlight or a heater.
5. Do not stack other electronic equipment on top of the STB.

LIQUIDS

Keep liquids away from the STB.
Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

LIGHTNING

1. The Manufacture's instructions for safe guarding other equipment connect to the STB, such as a television set, must be followed during lightning conditions.
2. Ensure lightning protection devices for the terrestrial antenna, and mains are installed.

Support & Copyright

For best satisfaction of customer, we do our best for each product and services.
Also we will support our customer through our local sales, service network and internet server system.
We support you via its homepage with useful information and new software of the STB.
When you have a question about this product or when you need for software upgrade, please refer to the following homepage.

Homepage : *http://www.digitallworld.com*
E-mail : *Sales-all@digitallworld.com*

To provide you with the convenience of usage, DigitAll World has the right to make changes and improvements to the products including the user manual without any notice in advance.

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Throughout this manual the letters STB are constantly used. This stands for "Set-Top Box" and refers to your TFT-4000E.

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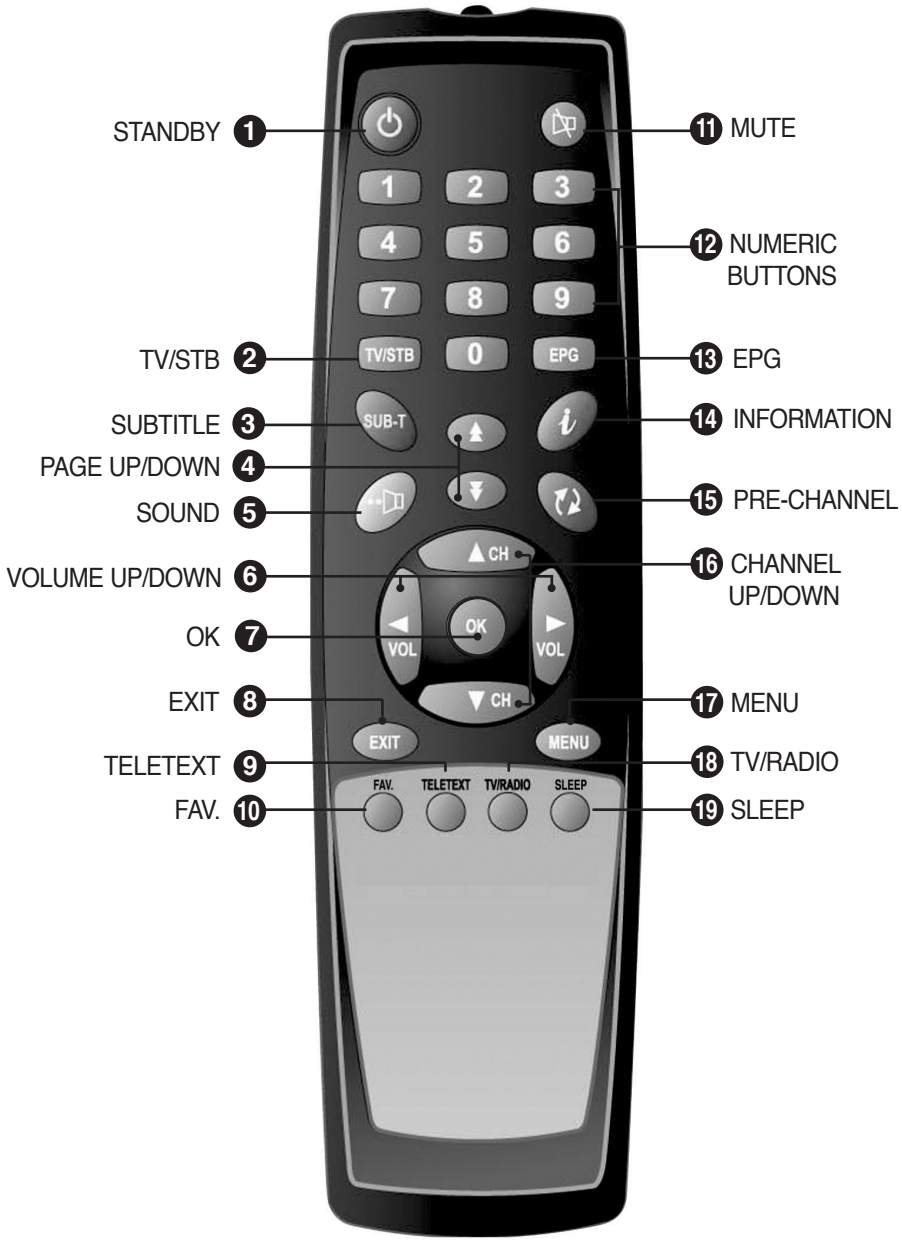
Understanding the Remote Control Unit

Remote Control Unit



Understanding the Remote Control Unit

1. **STANDBY**
   To switch between Operation and Standby mode.

2. **TV/STB**
   Not used

3. **SUBTITLE** (Red)
   To select closed caption.
   Note that closed caption may not always work as the broadcaster may not provide this service.

4. **PAGE UP/DOWN**
   To move up or down a page in the channel list.

5. **SOUND** (Yellow)
   To select the sound track list in the current channel.

6. **VOLUME UP/DOWN**
   To increase or decrease the volume.

7. **OK**
   To confirm your choice.

8. **EXIT**
   To return to the normal viewing mode from a menu.

9. **TELETEXT**
   To navigate teletext pages.

10. **FAVORITE**
    To move among the favorite lists.

11. **MUTE**
    To enable or disable the audio.

12. **NUMERIC BUTTONS**
    To select the channel and enter the channel information and PIN Code.

13. **EPG**
    To display the TV/Radio program guide.

14. **INFORMATION** (Green)
    To display the program information box on the screen.

15. **PRE-CHANNEL** (Blue)
    To return to the previous channel.

16. **CHANNEL UP/DOWN**
    To change channels up and down.

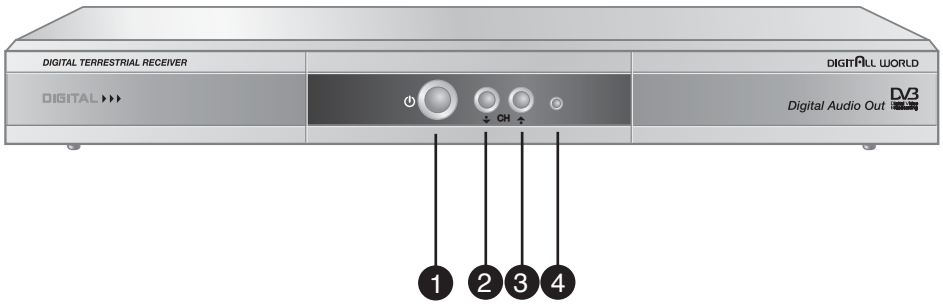
17. **MENU**
    To display the Main Menu on the screen or return to the previous menu.

18. **TV/RADIO**
    To switch between TV and RADIO Program mode.

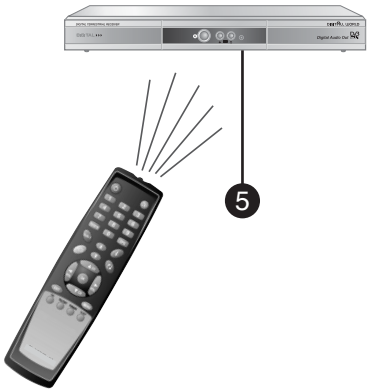
19. **SLEEP**
    To select a presel time interval for automatic shut down.

Connecting Your Equipment

Front Panel

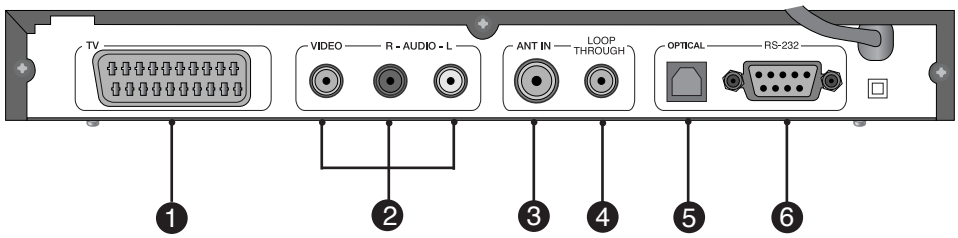


1 **STAND-BY**	To Switch between Operation and Standby mode.
2 **CHANNEL-**	To change channels down. To move down highlight marked cursor.
3 **CHANNEL+**	To change channels up. To move up highlight marked cursor.
4 **RED LED** **GREEN LED**	Stand by condition Operating
5 **IR SENSOR**	Point remote controller toward front on the TFT-4000E



Connecting Your Equipment

Rear Panel



1 TV	Composite video, RGB, S-Video & Components is available. Different cables are required.
2 VIDEO & AUDIO L/R	To connect Video & Audio R/L to a TV, Audio Amp or Hi-Fi system.
3 ANT IN	To connect the antenna here.
4 LOOP THROUGH	Used to connect a RF signal from the STB to either the RF input jack (antenna) on your VCR or to the antenna input of your TV.
5 OPTICAL	To connect S/PDIF cable for digital audio.
6 RS-232 UPGRADE	To connect to a personal computer for software upgrade.

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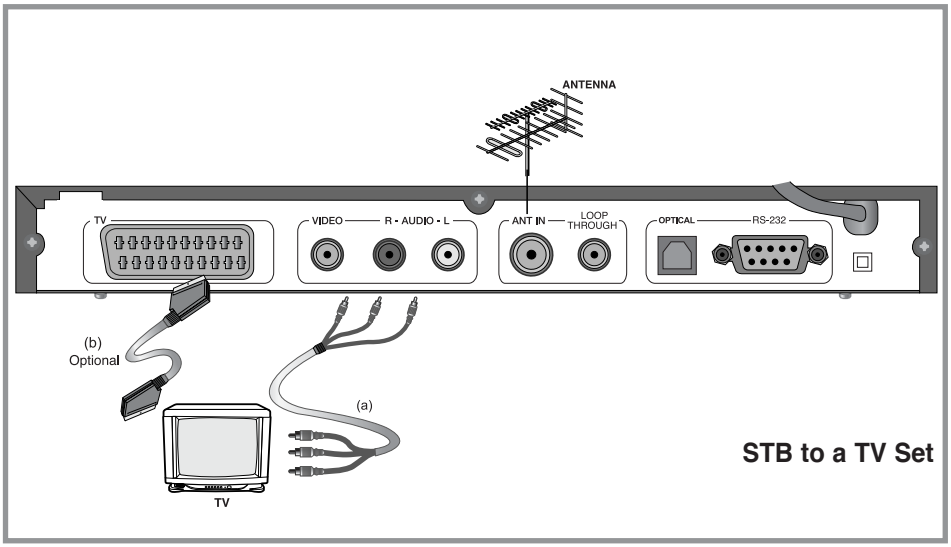
Connecting Your Equipment

Connection

How to connect your STB to various systems

There are several ways of connecting the STB to your TV and Hi-Fi System. Consult your local supplier for assistance in setting-up your system best suited to your requirements.

1. STB to a TV



STB to a TV Set

Simple connection to the television set. There are 2 methods.

(a) Connect STB to a 3RCA connector(supplied cable)

The 3RCA connections will connect to your television AV input. Be sure to select 'AV' key on your TV remote control.

(b) Connect STB via SCART to SCART connector (cable optional)

Simply connect the SCART lead from TV (on STB) to the SCART connector(cable optional) usually found on the rear of your television. Select Component on menu for best performance.

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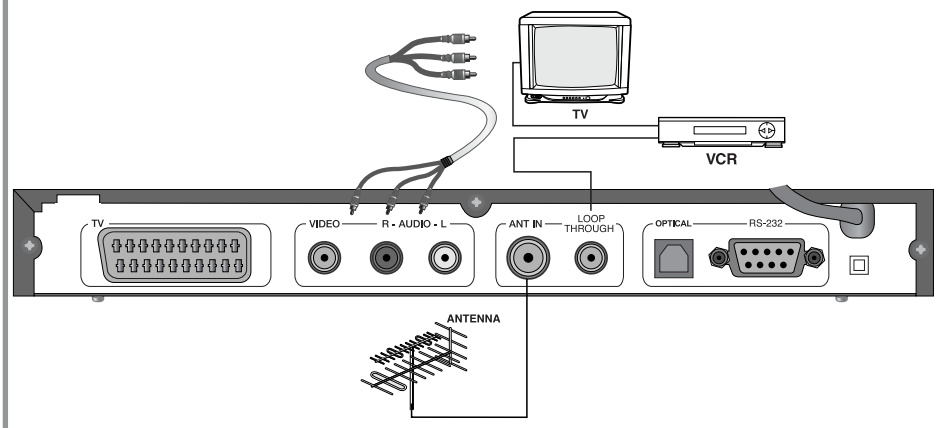
Connecting Your Equipment

2. Connection with VCR



* This connection allows VCR to record Analogue TV and watch videos on the TV.

Note : *RF cable from set top box to VCR is not included. You' ll need to purchase this separately.*

Instructions

(1) Connect antenna cable directly to set top box. Using another RF cable connect "Loop Through" to the antenna input on the VCR.

(2) Connect another RF cable from VCR RF out to TV antenna input(Usually this connection was already made).

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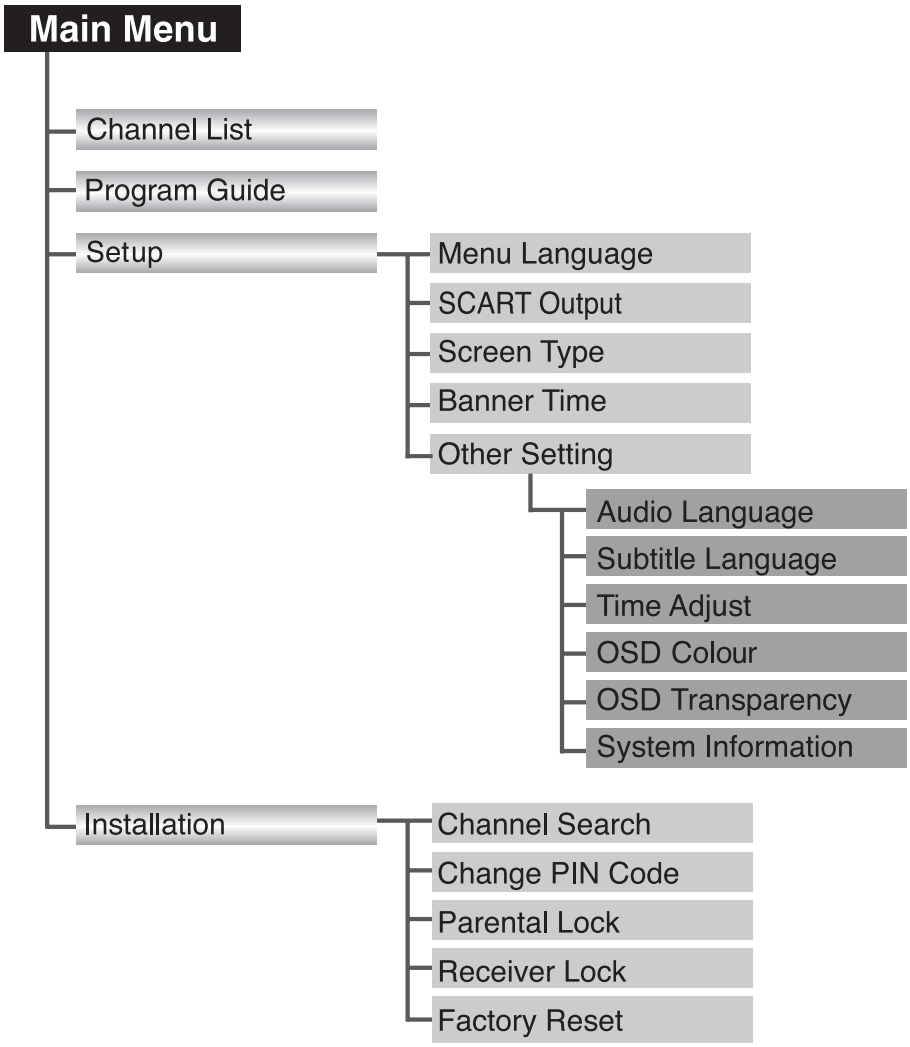
Menu Tree



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Setting up Your System

Automatic Channel Search for Television Services(1st Step)

You can automatically detect and save all channels as follows:

System Connection

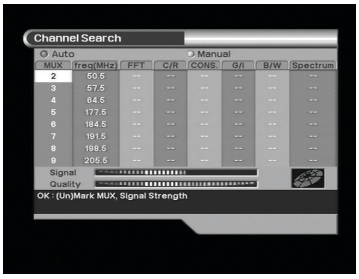
- Connect STB as per pages 10 to 12 (as applicable).

↓

Power On

- Turn on the power of STB and other devices connected to the STB.

↓



- Press RED (SUB.T) button and the STB will automatically search all channels and save them into the channel list. Once finished, your box is ready to be used.

Manual Channel Search

You can automatically search and save all channels as follows :

Main Menu/Installation

- Select Channel Search in the Installation Menu.
- Enter the **PIN** Code. (Factory PIN code is '**0000**')

↓

Channel Search / Manual

- Select the television service you want to search by pressing the **UP/DOWN** buttons and the **OK** button. A tick will be shown beside your selection. You may select more than one television service to manual tune.
- Press **GREEN** (Manual) button and the STB will begin to search all channels you have chosen and save them into the channel list.

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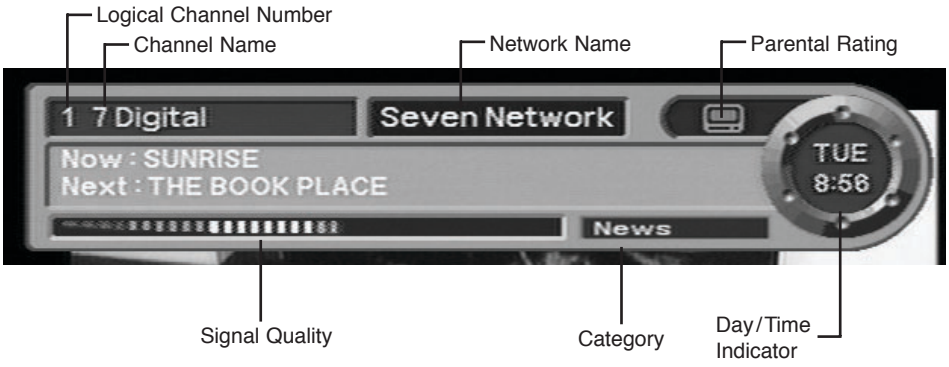
Setting up Your System

Basic Function

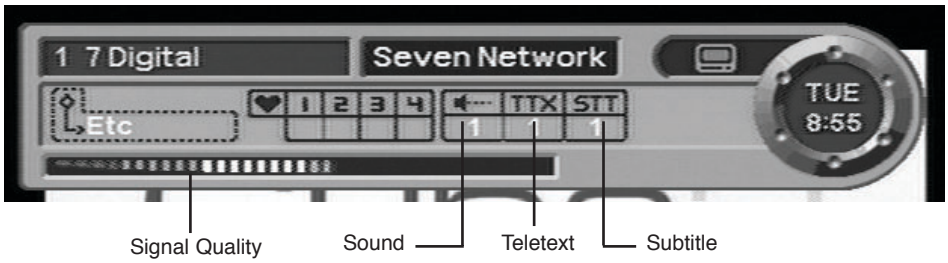
Information Screen

After the television channels have been programmed, you will see the information(banner) box each time you switch channels.

Banner 1



Banner 2



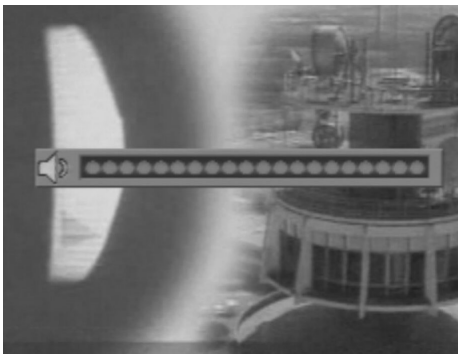
Channel (Service) Change

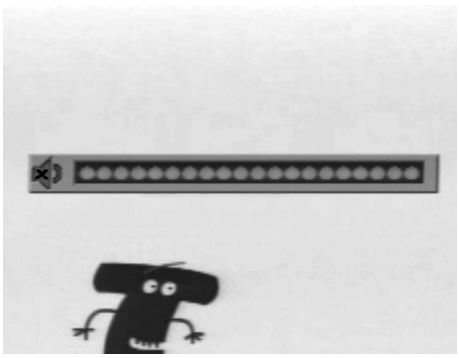
1. Press the **numeric** buttons (0~9) on the remote control to select the channel no. you want.
2. Press the **OK** button on the Remote Control Unit and select the channel you want from the Channel List.
3. Press the **CH+/CH-** buttons on the Remote Control Unit to select the channel you want.

Setting up Your System

Volume Control / Mute

- Press the **VOL+/VOL-** buttons to control the volume.
- To temporarily stop the volume, press the **MUTE** button.
- To cancel mute, press the **MUTE** button again or press the **VOL+/VOL-** buttons.





Sound Track

- When you want to change the Audio output (stereo, mono, right, left), press the **SOUND( )** button.
- Use the **CH+/CH-** buttons on the Remote Control Unit to select the audio language you want.
- Use the **LEFT/RIGHT** buttons on the Remote Control Unit to select the sound type (Stereo, Mono, Left, Right).

EXIT button : Exit this menu

- Dolby digital AC3 may be available. When selected no sound may be heard on the TV. This feature in only avialable with fibre-optic cable from set top box to Dolby digital amplifier.

***Note** : Broadcasters may/may not have Dolby audio availble*

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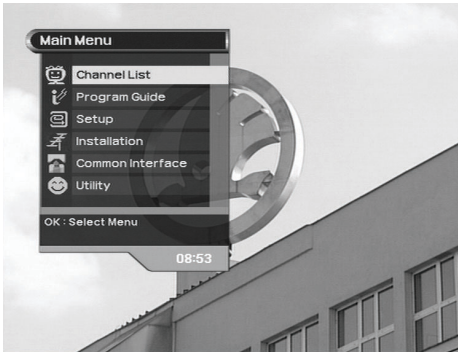
Menu Operation

Main Menu

1. Turn on TV and your STB, after you have connected all peripheral devices to it.
2. Press the **MENU** button on the Remote Control Unit. You will see the Main Menu on the TV screen as follow:



3. You can move into the desired submenu using **UP/DOWN** (▲▼) buttons.
4. Press the **OK** button to confirm your selection.
5. Press the **MENU** button to return to the previous menu or press the **EXIT** button to quit the Menu system completely.

Note :

*Press the **OK** button when there is no Menu Window on the screen, and the simple channel list will appear on the screen.*

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Menu Operation

Main menu shows the following information.

Channel List ····· This menu consist of All Channel List, Channel Information, channel Sorting and Channel Editing.

Yellow button : Channel Sorting
Blue button : Channel Editing

Program Guide ····· Shows the information of Now, Next and WEEKLY Programs.

Setup ····· Sets Menu Language, SCART Output, Screen Type, Banner Time, and Other Setting.

Installation ····· Sets Channel Search, Change PIN Code, Parental Lock, Receiver Lock and Factory Reset.

Channel List

This menu consist of All Channel List, Channel Information & Skip Channel.
Select Channel List in the Main Menu. Then you will get a Channel List as follows ;

The colour buttons correspond to the following channel function.

Red button : All Channel Lists
Green button : Channel Information
Yellow button : Skip Channel

- This menu helps you to easily select the channel that you want to watch.
- You can get information of channel number and the channel name.
- Users can use the channel list to select which services to skip.

To watch a specific channel, first select the specific channel that you wish to watch by using the **UP / DOWN / LEFT / RIGHT** buttons, and then press **OK** button on the Remote Control Unit. Also use the **PAGEUP/PAGEDN** (▲▼) buttons.

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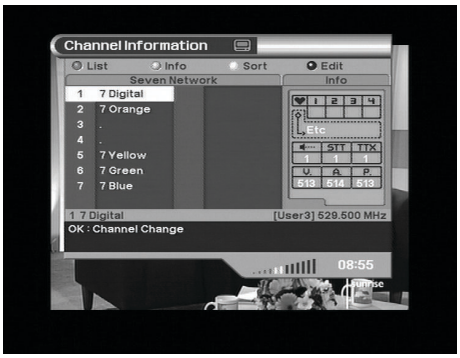
Menu Operation

Channel Information

This mode helps you to watch the detailed information of a specific channel.



To watch a detailed information of a specific channel:

- Press the **Green** button in the Channel List menu, and Channel Information window will be displayed.
- Press the **CH+/CH-** buttons to select the channel information you want.
  The detailed information will appear on the right display window.

It consists of the following items: Category, Sound, Subtitle(STT), Teletext(TTX), PID(Video, Audio and PCR) and Scrambling symbol.
Subtitle, Teletext, Scrambling symbol: These are automatically displayed when the broadcasting station provides appropriate information.

Channel Sorting

This mode displays channels according to the respective classifications desired by the user through its function of sorting diverse information that each channel is furnished with.

Select the **Yellow** button in the Channel List menu, and the cursor toggles between channel and channel sorting menu.

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Menu Operation

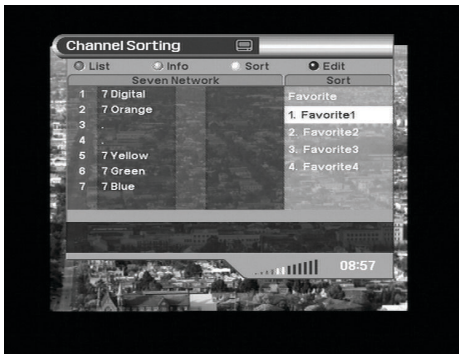
7 kinds of sorting functions are listed in the right of the window screen.

ALL : displays all channel lists.
FTA : displays channel lists that are '**Free To Air**'.
Scramble : displays channel lists that are scrambled.
Lock : displays channel lists that are locked.
Category : displays channel lists that are set according to 12 genres.

The 12 genres are composed of Etc,Movie/Drama, News/Affair, Show/Game, Sports, Children's, Music/Dance, Art/Culture, Social, Education, Leisure and Special.

Furthermore, it displays the 4 types of channel lists that are arbitrarily set by the user (USER1, USER2, USER3 and USER4).

Favorite : displays channel lists that are set as Favorite.



Favorite function is sectioned into 4 categories from F1 to F4.

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Menu Operation

Alphabetic : displays channel lists according to alphabetical order.

Channel Editing

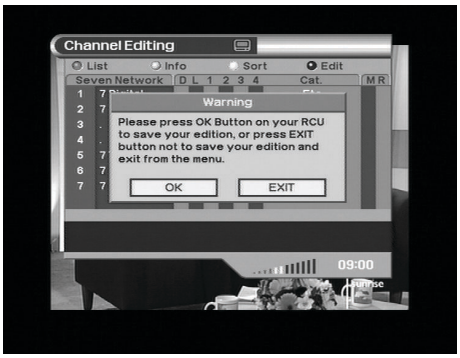
You can edit channels on various channel lists- Delete a channel, Lock a channel, construct Favorite Channel List, select Category, Move channel's position and change the name of channel.

- Press the **Blue** button in the Channel List menu, and Channel Editing Window will be displayed.
- Use the **LEFT/RIGHT** buttons to move the cursor, press the **OK** button to check the position you want, and then press the **Menu** button to exit and save the data.

Menu Operation

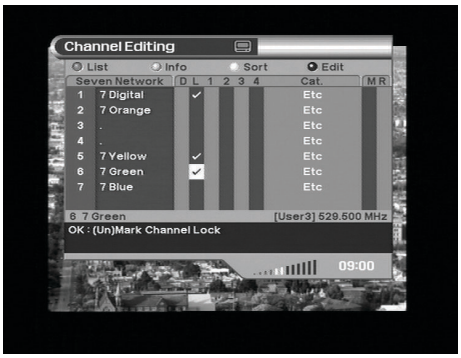
1.Delete channels

- Use the **UP/DOWN/DOUBLE ARROWS** or the **Numeric** buttons(0~9) to select the channel that you want to delete from the channel list.
- Use the **LEFT/RIGHT** buttons to move the (delete) position, and press the **OK** button.
- Press the **MENU** button to display **"Please press OK..."** on the center of the screen.
- Press the **OK** button to save, and press the **EXIT** button to exit this menu.



2.Lock channels

You should enter your PIN Code in order to modify or watch the previously locked channel. Once the program is locked, every time you try to watch the program, you will be asked to enter PIN Code.



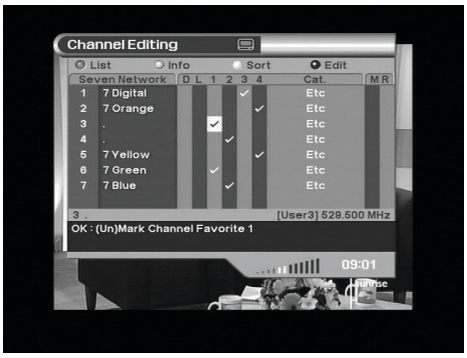
- Use the **UP/DOWN/DOUBLE ARROWS** or the **Numeric** buttons(0~9) to select the channel.
- That you want to lock from the channel list.
- Use the **LEFT/RIGHT** buttons to move the L(lock) position, and press the **OK** button.
- Press the **MENU** button to display **"Please press OK..."** on the center of the screen.
- Press the **OK** button to save, and press the **EXIT** button to exit this menu.

Note! : *The Parental Lock on the Installation Menu must be switched ON so that the Channel Lock can work. When the Parental Lock is set OFF, even though the LOCK is set, anyone can watch the Parental Lock channel.*

Menu Operation

3.Edit Favorite Channels

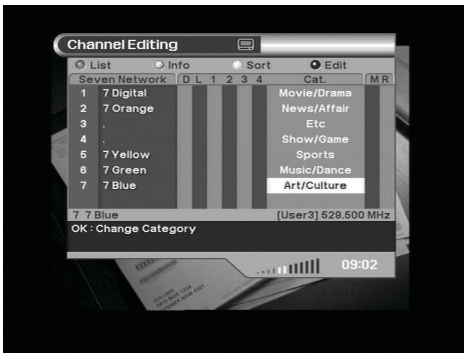
- You can edit the Favorite Channel List, which facilitates you to easily find your favorite channel from the Channel List.
- You can choose TV or Radio Channels in an alternative way by pressing **TV/RADIO** button on the Remote Control Unit.



- Use the **UP/DOWN/DOUBLE ARROWS** or the **Numeric** buttons(0~9) to select the channel that you want to add into favorite channel list from the all channel list.
- Use the **LEFT/RIGHT** buttons to move the F1,F2,F3 or F4 position, and press the **OK** button.
  The Favorite Channel List can be sectioned into four categories (F1~F4).
  And one channel can be multiple selected from F1 to F4.
- Press the **MENU** button to display **"Please press OK..."** on the center of the screen.
- Press the **OK** button to save, and press the **EXIT** button to exit this menu.

4.Organize Channel Categories

This mode sets categories according to the respective channels that enable you to search channels easily.



Menu Operation

- Use the **UP/DOWN/DOUBLE ARROWS** or the **Numeric** buttons(0~9) to select the channels that you want to organize categories from the all channel lists.
- Press the **MENU** button to display **"Please press OK..."** on the center of the screen.
- Press the **OK** button to save, and press the **EXIT** button to exit this menu.

5.Move the position of channels

- Use the **UP/DOWN/DOUBLE ARROWS** or the **Numeric** buttons(0~9) to select the channels of which position you want to move from the channel list.
- Use the **LEFT/RIGHT** buttons to move to the M(move) position and press the **OK** button.
- Move it to the position where you want to place it using the **CH+/CH-** buttons.
- Press the **Blue** button to confirm.
- Press the **MENU** button to display **"Please press OK..."** on the center of the screen.
- Press the **OK** button to save, and press the **EXIT** button to exit this menu.

Note! : *1. The channel number of the channel should be changed.*
2. This function is convenient when you want to move various channels simultaneously.

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Menu Operation

6.Rename Channels

You can rename the channels.

- Use the **UP/DOWN/DOUBLE ARROWS** or the **Numeric** buttons(0~9) to select the channel that you want to rename from the channel list.
- Use the **LEFT/RIGHT** buttons to move to the R(Rename) position and press the **OK** button. Keyboard screen will be displayed as bellow.

Red button : Save & Exit
Green button : Exit

- Use the **UP/DOWN/LEFT/RIGHT** to key in the new channel name.

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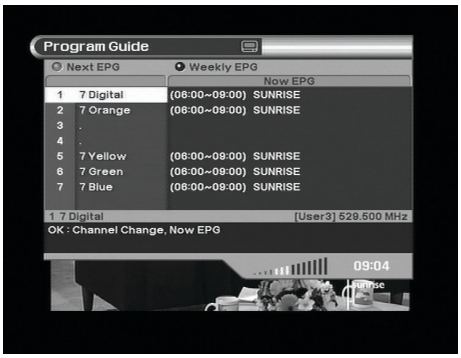
Program Guide

- Your STB has an Electronic Program Guide(EPG) to help you navigate programs through all the possible viewing options.
- The TV Guide supplies information such as program listings and starting and ending times for all available programs.
- Select Program Guide in Main Menu or press the **EPG** button of Remote Control Unit and the Program Guide screen will be displayed.



1. Now / Next EPG

- The information may include : current time, name of the Now and Next Program, the starting and ending time of the Now/Next Program.
- Program information will be available only when it is included in the transmission.
- When you press **RED** (SUB.T) button on the remote control unit, the Now & Next program information will be toggled.
- After moving the cursor (pressing **CH+/CH-**); press the **OK** button to swicth to that service.

Note *: To see detailed information about the event you want, press the **OK** button on the appropriate event.*

The EPG Service may not be available depending on the broadcaster's situation.

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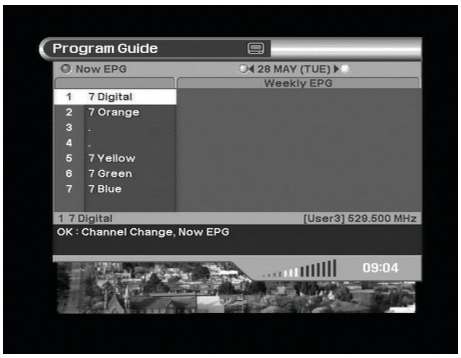
Menu Operation

2. Weekly EPG

Shows the information of programs that will be played for a week.



Green button : -1Day
Yellow button : +1Day

- Weekly EPG appears in a few seconds after pressing the **BLUE** button on the Remote Control Unit.
- To see more detailed information about certain program, move the highlight to the program you want on the weekly EPG menu by pressing the **UP/DOWN/LEFT/RIGHT** buttons and then press the **OK** button.
- Press the **Green** or **Yellow** button to select the date you want.

Note 1. *: If the **OK** button is not pressed hard on channels (Programs), the **BLUE** button doesn't operate. To see detailed information about the event you want, press the **OK** button on the appropriate event.*

Note 2. *: The EPG Service may not be available depending on the broadcaster's situation.*

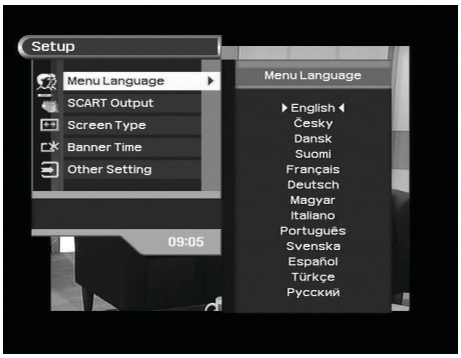
Menu Operation

Setup

This menu helps you to set up Menu Language, SCART Output, Screen Type, Banner Time, and Other Setting.
Select Setup in the Main Menu. The following submenu will show up on your TV.

1. Menu Language

Select the desired language of the Menu.



13 languages are available.
Choose the desired language from a selection. of English, Czech, Danish, Finnish, French, German, Hungarian, Italian, Portuguese, Swedish, Spanish, Turkish, Russian.

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Menu Operation

2. SCART Output

Select SCART Output mode : Composite Video or RGB or Component.

Note *: Your selection will control only the output from SCART*

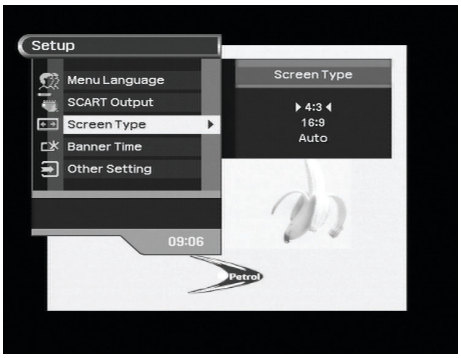
What is Composite Video?
It is simply the normal video signal you would expect from an AV output.

What is RGB?
The RGB selection is the factory default.
The RGB selection will allow the best picture quality from your digital receiver.
This feature will only work if your television supports RGB input and the SCART to SCART cable MUST be used.

What is Component YPbPr?
The Component selection(or sometimes called DVD input) may be available on some TVs. Simply connect a 3 colored lead from YPbPr to your TV component input. Be sure to select it on your TV remote controller.

Menu Operation

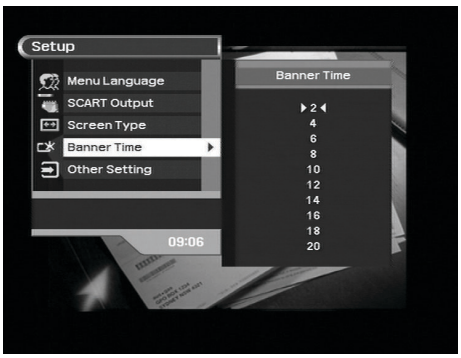
3. Screen Type



You can choose either "4:3" or "16:9" according to your TV type.

Screen Type
4:3
16:9
AUTO

4. Banner Time



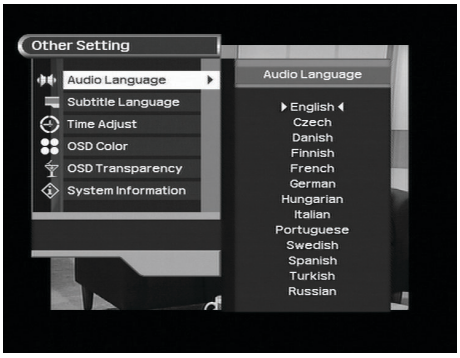
You can set the display duration of the information (banner) box displayed on the Screen.
The time ranges from 2 to approx 20 seconds.

5. Other Setting

This mode helps you to setup Audio Language, Subtitle Language, Time Adjust, OSD Colour, OSD Transparency and System Information.

Menu Operation

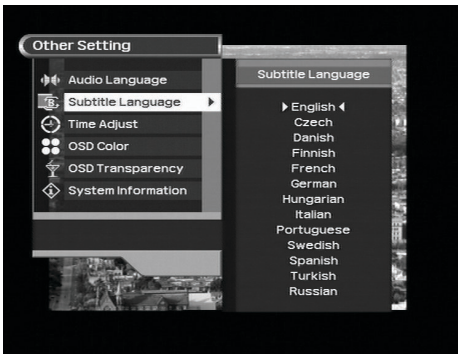
◆ **Audio Language**



Select the default language for audio when changing channels.
It is available for twelve languages.

If any language is not selected then the default language of current channel will be automatically selected.

◆ **Subtitle Language(DVB Bitmapped type Subtitles)**



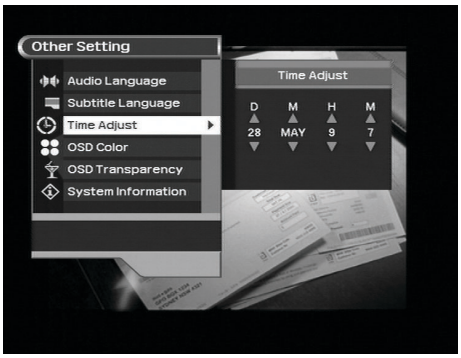
***Note** : This is not closed-captions.*

Select the default language for subtitle when changing channels.

Note : *Subtitle languages are only available if the broadcast network is Transmitting extra languages.*

Menu Operation

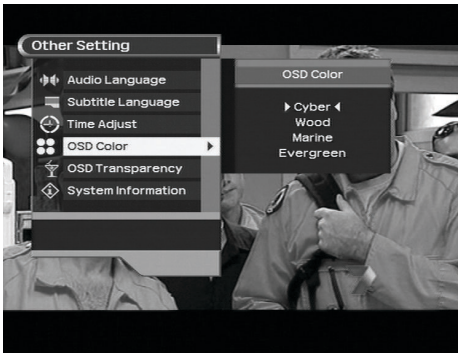
◆ Time Adjust



Note : *Please select the state you live in. (example: Time zone)*

You can set your local time by adjusting the differences from GMT, according to your location.
GMT : Greenwich Meantime-central European time.

◆ OSD Colour

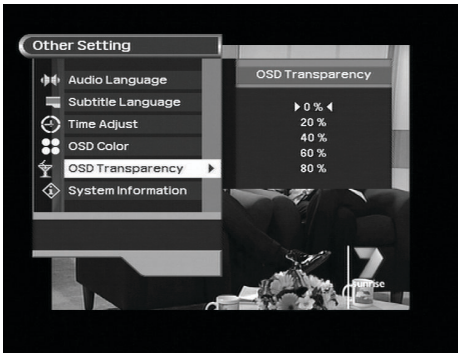


You can adjust the OSD Colour : Cyber, Wood, Marine and Evergreen.

Note : *OSD = On Screen Graphical Displays.*

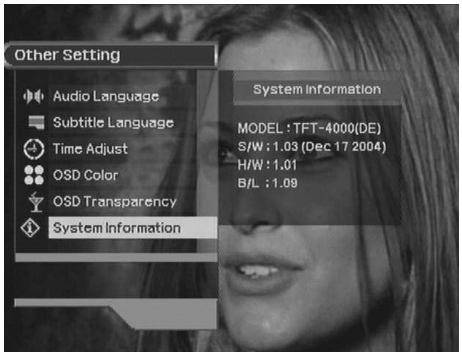
Menu Operation

◆ **OSD Transparency**



Select OSD Transparency type (0,20,40,60 or 80%).

◆ **System Information**



Note:
S/W : Software Version
H/W : Hardware Version
B/L : Bootloader Version

Displays the system information: Model Name, S/W Version, H/W Version, B/L Version and Company Name.

Note : *If you contact DigitAll World Total Care Hotline, please have your serial number and details (as per above) ready before speaking with our telephone operator.*

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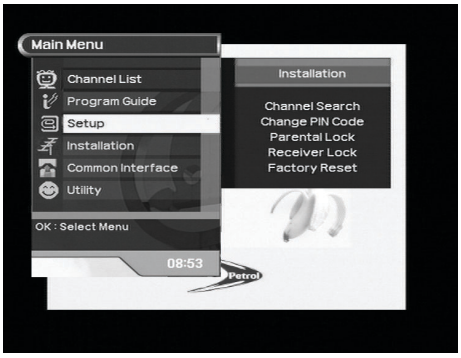
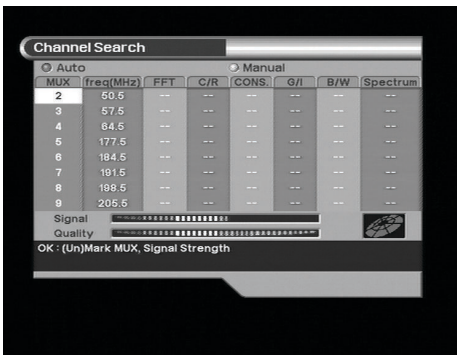
Menu Operation

Installation

This Menu helps you to setup a variety of parameters necessary for receiving signal and managing the channel information. To avoid loss of service, it is important to understand the following table before you make changes.



Channel Search



- **Search Mode**
  AUTO (press RED SUB.T. Key) or MANUAL(press GREEN 'i' key)
- The parameters required to receive digital TV are fully automatic from this product and cannot be manually set.
- FFT(2K,8K)
- C/R (Code rate) 1/2 2/3 3/4 4/5 5/6 7/8
- CONS(Constellation) QPSK 16-QAM, 64-QAM
- G/I(Guard Interval) 1/32 1/16 1/8 1/4

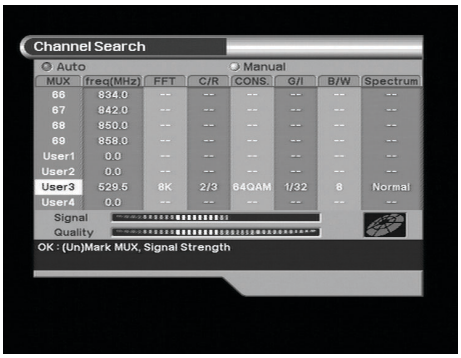
} These are special parameters for digital TV reception. The product will automatically set these for you

Menu Operation

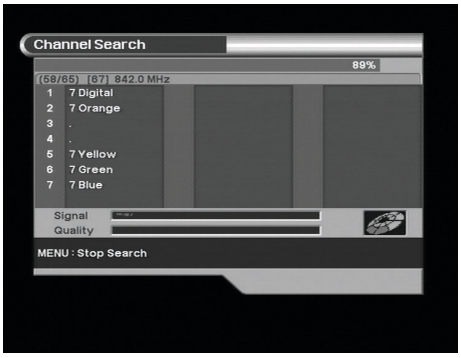
1. Automatic Channel Search

Automatic Channel Search helps you to automatically load the channel information of all CH contained.

1. Press the **CH+/CH-** buttons tp select Channel Search in the installation menu and press the **OK** button.
   The channel search window as shown below will be displayed.



2. Press **RED** (SUB.T) button to start the automatic channel searching.
   The bar on the top of the screen shows the progressive status of the channel search.



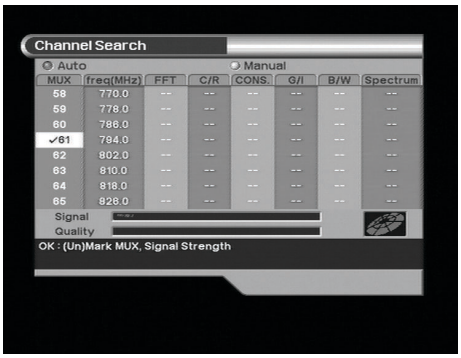
3. The services found will be listed once auto search has finished.
   Simply press OK key to store.

Menu Operation

2. Manual Channel Search

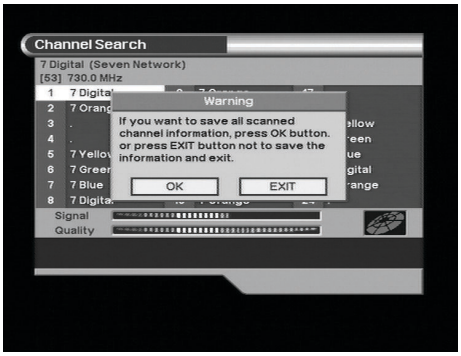
Manual channel search is more convenient to search a specific CH.
Like the Automatic Channel Search, Manual Channel Search also searches all services broadcasted over a specific CH using its predefined information.

• Press the **CH+/CH-** buttons to select the CH number you want to search.
• Then press the **OK** button to place a tick (tag) beside it.



• Select the CH to search manually. Each CH has its own parameter value.
• Press the **GREEN** (Manual) button to start searching for services.
• Press the **MENU** button to return to the previous menu.
• Press the **EXIT** button to exit of stop searching for services.

Use the **MENU** button to stop Channel Search.


Channel Search
7 Digital (Seven Network)
[53] 730.0 MHz
Warning
If you want to save all scanned channel information, press OK button. or press EXIT button not to save the information and exit.
OK
EXIT
Signal
Quality

When the Channel Search is completed, press **OK** button to save the result.
Press the **MENU** button to return to the previous menu.

Note : *The Manual Channel Search may take a few minutes, depending upon how many CH(Networks) were ticked(tag),before press **GREEN** key.*

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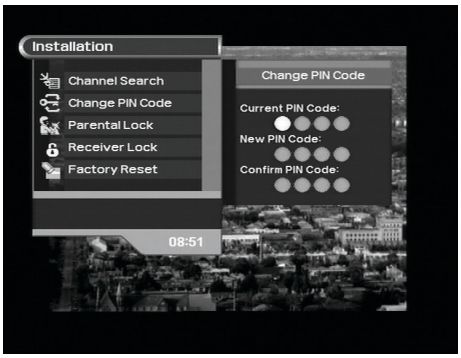
Menu Operation

Change PIN Code

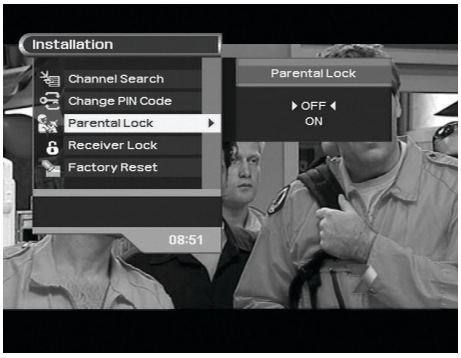


***Note** : The pin number is required to access the installation/Channel search and Parental control menus.*

You can change your PIN(Personal Identification Number) Code from factory default value "**0000**" as follows:

- Select Change PIN Code in the Installation Menu.
- Then you will be asked for a New PIN Code. Enter the new PIN Code.
- The system will ask you to enter it again to confirm.
- If you forgot the PIN code, press SUB-T(Red), I(Green), Audio(Orange), Pre-channel(Blue) & MENU in sequence.

Parental Lock



- Select Parental Lock from the Installation Menu.
- Press the UP/DOWN buttons to select "**ON**" and "**OFF**" button.
- And then press the **OK** button.
- Once the Parental is locked, whenever you watch the locked channel, you should enter the PIN code.

***Note! :** When the Parental Lock is set OFF, you can watch the Lock Channel without entering the PIN Code.*

Menu Operation

Receiver Lock

- To lock the receiver, select Receiver Lock in the installation menu and select "ON" by using the **CH+/CH-** and **OK** buttons.
- Now the receiver is locked. Whenever you try to start STB, a window appears which asks you to enter your PIN Code before picture appears on the screen.

Factory Reset

- All data you are using will be deleted and the default data will be loaded.
- If you select "OK", it asks your confirmation.
- If you don't want to reset, press **MENU** button or **EXIT** button to exit this menu.

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Menu Operation

Teletext Navigation

P100 RTPtexto 100 SEG 17FEV 10:30:52
RTP TEXTO
Edição 2236 17/02/03
Saiba mais em www.rtp.pt
Noticias.... 120 Televisão..... 123
Desporto.... 121 Utilidades.... 125
Economia.... 122 SMS Magazine.. 600
Cultura..... 124 Indice..... 102
JORNAL DA TARDE, RTP1 às 13:00h. 301
Toda a Informação na RTP
OPERAÇÃO TRIUNFO 190
TVchat..... 690 Poesia SMS.... 535
Agenda..... 500 Logos/Toques.. 600
CLASSIFICADOS SMS..... 700
Quer vender o telemovel, o carro, a casa ou o computador? Anuncie aqui!
Passatempos TV'S Algarve SMS

This STB has Teletext software emulator which enables all TV sets to navigate Teletext pages.
To start navigation of **Teletext** pages, press Teletext button. When Teletext is activated, buttons below mentioned will perform different features by each mode.
To stop navigation & return to program press "**Teletext**" button.

1) Teletext button : Toggle Teletext mode
2) Menu button : Jump to page100 in Teletext mode
3) Numeric button : Direct page selection in Teletext mode
4) Up/Down button : Next/Previous Page
5) Left/Right button : Next/Previous Subpage
If two subpages with a subcode between 1 and 99 are received, the subpage mode is automatically activated and the subpage bar appears in the bottom row.
The symbol at the left side is the subpage overwrite mode.
In this mode the display is updated with the last received subpage.
6) Color (Red, Green, Yellow, Blue) buttons
6-1) Top Text Mode : The broadcaster usually sends Teletext in a way that each Teletext page is linked with other four pages.

- **Red** button : link #1
- **Green** button : link #2
- **Yellow** button : link #3
- **Blue** button : link #4

6-2) Display Functions Mode : To select the display functions of the Teletext decoder the user has to press the **OK** button on the RCU.

- **Red** button : Toggle Hold mode
  -The stop mode holds the currently displayed subpage.
  -This means, that it can not be overwritten by a new incoming page with the same subpage number.
- **Green** button : Toggle Reveal mode
  -The text marked as "conceal" is displayed as spaces when reveal mode is off.
  -Enabling reveal mode displays the concealed text.
  -Broadcasters use this feature, e.g. for a Teletext quiz(the answer is sent as a 'concealed' text).
- **Yellow** button : Change Display size
  -This command switches between three possible display sizes.
  -normal size (all Teletext rows are displayed).
  -double size of the upper half, only the upper half of the Teletext page is displayed.
  -double size of the lower half, only the lower half of the Teletext page is displayed.
- **Blue** button : Toggle Mix mode(transparent background)

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Troubleshooting

Problem	Solution
Something wrong with STB	
Does not display any message on the front panel or STB has no power.	Check the main power cord and check that it is plugged into a suitable power outlet. Check whether STB is in Standby mode.
No Picture	Ensure that the STB is switched on (see above). Check the video output port (VIDEO) is firmly connected to the TV or VCR. Check that you have selected the correct channel or Video Input on your TV. Check the brightness level of the TV.
Breaking Picture	See “No Picture” above. Check the signal level, if this is low then try to adjust the alignment of your antenna.
No Sound	See “No Picture” above. Check the volume level of the TV and STB. Check the Mute status of the TV and STB.
Remote Control does not operate	Point Remote Control Unit directly towards the STB. Check and replace batteries.
STB is locked and doesn’t operate.	Disconnect STB from power point for 30 seconds and re-connect.
About On-Screen Error Message	
No or Bad Signal	Adjust the direction of your antenna Check the “Signal Strength” and the “Signal Quality” in the channel list or channel search menu.

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Technical Specifications

Tuner & Channel

Input Connector	: IEC 169-2, Female
Frequency Range	: 174 MHz to 820 MHz
Signal Level	: 35dBuV to 70dBuV
Demodulation	: COFDM 2K/8K-Carrier
Input Symbol Rate	: 24.1 Msymbol/s FEC Decoder Convolutional Code Rate 3/4

MPEG Transport Stream A/V Decoding

Transport Stream	: MPEG-2 ISO/IEC 13818 Transport stream Specification
Profile Level	: MPEG-2 MP@ML
Input Rate	: Max 90 Mbit/s
Aspect Ratio	: 4:3, 16:9
Video Resolution	: 720 x 576
Audio Decoding	: MPEG / MusiCam Layer I & II
Audio Mode	: Single channel / Dual channel / Joint stereo
Sampling	: 32, 44.1 and 48KHz

Main Resources

Main CPU	: ST20(STi5518)
Flash Memory	: 1Mbyte
SDRAM for MPEG	:
SDRAM for SYSTEM	: 8Mbyte
SDRAM for GRAPHIC	:

Power Supply

Input Voltage	: AC 90 ~ 250V 50/60Hz
Type	: SMPS
Power Consumption	: 15W MAX
Standby Power	: Max. 4W
Protection	: Separate internal fuse.

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Technical Specifications

A / V & Data In / Out

TV SCART	: Video Output (Composite Video, RGB, S-VHS)
AUDIO R/L	: RCA/Cinch Volume & Mute Control (Resolution : 20bit DAC, Max. 2Vrms)
RS232C	: Transfer rate 115,200 bps 9 Pin D-sub Type
S/PDIF	: Digital Audio Optical output

Physical Specification

Size (W x H x D)	: 256 x 183 x 38 mm
Weight (Net)	: 0.9 Kg
Operating Temp.	: 0°C to +50°C
Storage Temp.	: -15°C to +65°C

∗ Feature & specification may change without prior notice.

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Frequently Asked Questions

Q. Where can I find the latest information for my digital product?

A. Check http://www.digitallworld.com for all details.

Q. Should I upgrade the software inside my DigitAll World box?

A. If your are experiencing technical difficulties with your Product please check the website http://www.digitallworld.com for known issues. A software upgrade may be available for your product.

Q. What best describes Standard Definition Television?

A. You get DVD quality picture and CD quality sound on every network, all the time.

Q. The clock on my digital receiver is wrong. Why?

A. Make sure that your receiver is set to the correct time zone. (Refer to manual about selecting state you live in) Unlike other electronic appliances in your house, the clock is set by the broadcaster and not DigitAll World's box. Therefore if the clock is still wrong, change to another television network to see the correct time.

Q. On my digital receiver I have some channels numbered 350, 351, 352, etc. Why?

A. The STB supports logical-channel-numbering. In some areas the broadcaster may not be sending their channel number. The Australian requirement for STB design says that any services without a channel allocation are to be given a number from 350 to 399. The DigitAll World box will do this automatically for you.

Q. My digital receiver has new channels on it and I did not re-tune anything. Why?

A. The product supports network-updating. Therefore, if a broadcaster begins sending new services (multichannel or multiview), the box will automatically add them in for you. There is no need for you to re-tune anything.

Q. Can I still use it to see Closed Captions?

A. YES. The receiver has its own teletext decoder which enables you to nevigate teletext pages regardless of your television. To activate Closed Captions, press SUB.T key.

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Frequently Asked Questions

Q. Can I use the digital receiver on any television?

A. YES. This product has a standard video output which will connect to any television with video input. Also available is RGB (red, green, blue) connection to a television that has a SCART input. You will need to purchase a SCART to SCART cable. For S-VHS, a SCART adaptor will be required.

Q. How do I tune in services on my digital receiver?

A. Connected the box to your TV and your aerial to the digital receiver. Then simply press the RED button (SUB.T) and the box will automatically tune all services. Once finished, the box is ready to use.

Q. Can I watch a multiview events on my digital receiver?

A. YES. This product has both multichannel and multiview capability. Press the M-View button on the remote controller to navigate to 'other views.'
Also you can check the DBA website (http://www.dba.org.au) for widescreen programming and special broadcasts.

Q. Can I use my digital receiver on a Widescreen or Normal sized television?

A. YES.There is support for 16:9 Widescreen and 4:3 Normal formats. Press the button called ASPECT on the remoite and it will switch formats.

Q. How do I use the EPG (Electronic Program Guide)?

A. Simply press the button labelled EPG on the remote. It will show the programs currently showing NOW on that television network. If you would like to see what's coming on next, press the RED button (SUB.T).

Q. How do I change on-screen display colours (as a personal preference?)

A. There is a selection of 4 colour schemes (Cyber, Wood, Marine, Evergreen). Refer to the menu on the screen to change.

Q. What is the System Information menu on the digital receiver?

A. The system information includes the software version (S/W), hardware version (H/W) and bootloader (B/L) version numbers. When you contact DigitAll World for support, please have these details ready.

Frequently Asked Questions

Q. Does the digital receiver support parental control of programs?

A. YES. The parental code can be set to block certain programs.

Q. What are MPEG Artefacts?

A. Somtimes the picture may appear to be slightly blocky. These are known as MPEG artefacts. They are directly related to MPEG compression at the broadcast side. The extent of artefacting is related to how fast the picture is moving, numbers of colours, quality of the original material, the MPEG encoder used at the time, etc. This is not a problem with the STB.

Q. Closed Captions don't always appear! Why?

A. Not all programs are captioned. News programs should always have captions available.

Q. Can I record Closed Captions on my VCR?

A. Yes, you may. You will need to connect the 3RCA cable(as supplied) to the Video & Audio input on the VCR. Using the VCR remote, select 'AV', 'EXT' on 'Line In' selection. Set the TV to the video channel. The set top box picture will appear. Now it may be recorded.

Q. Can I record the improved picture on my VCR?

A. Refer to the above answer.

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